

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

10/501513

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
7 August 2003 (07.08.2003)

PCT

(10) International Publication Number
WO 03/065739 A1(51) International Patent Classification⁷: H04Q 7/00, H04J 3/00, H04L 12/56

(74) Agent: MONICA MAGNUSSON; ERICSSON AB, Patent Unit Radio Networks, S-164 80 STOCKHOLM (SE).

(21) International Application Number: PCT/SE03/00176

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 31 January 2003 (31.01.2003)

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

Published:

— with international search report

(26) Publication Language: English

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

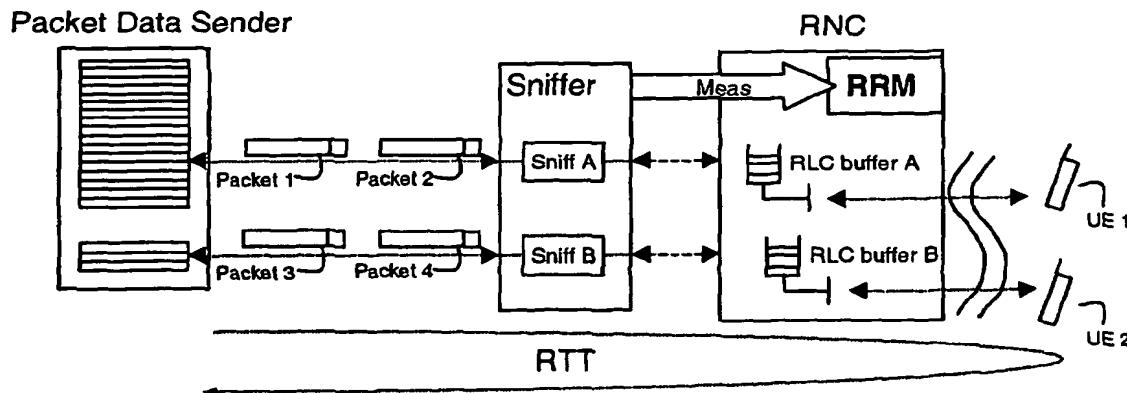
(30) Priority Data:
0200311-9 31 January 2002 (31.01.2002) SE

(71) Applicant (for all designated States except US): TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 STOCKHOLM (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SÅGFORS, Mats [FI/FI]; Ravalvägen 8C 13, FIN-02400 KYRKSLÄTT (FI). PEISA, Janne [FI/FI]; Metsäpirtintie 12D 17, FIN-02130 ESPOO (FI). MEYER, Michael [DE/DE]; Annastr. 17, 52062 AACHEN (DE). LUDWIG, Reiner [US/DE]; Maubacher Str.4, 52393 HüRTGENWALD (DE).

(54) Title: METHOD AND SYSTEM OF CHANNEL RESOURCE ALLOCATION



(57) Abstract: The present invention relates to a method and system of transmissions and retransmissions of packet data in a communications system, where the communications system uses switched channels, switching between rates or channels of different characteristics, and connection control and management in such a system. Particularly, the invention relates to radio resource management in a Universal Mobile Telecommunications System, UMTS, or WCDMA system allowing for use of compatible protocols for non-switched and switched channels. Figure for publication.

WO 03/065739 A1